



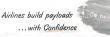
Designers and builders of AIRCRAFT

U.S. Air Force's New ALBATROSS

The GRUMMAN ALBATROSS, newest utility amphibian, is especially designed for resuce operations in the open sea. With powerful trien engines and a cree of three it carries 14 passengers as a personnel transport. 16 than two tons of cargo as a transport craft. Features of this amphibian are its fast take of and unusual stability in easter landings.

GRUMMAN AIRCRAFT ENGINEERING CORPORATION, BETHPAGE,

Contractors to the Armed Services





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AVIATION WEST, February 25, 1969



AVIATION

Inventory of U. S. Air Power

9 Airports Arr Force & Navy Planes 14 Personal Aircreft Handerbreng 29 Transport Peopellers 24 Helicopters U. S. Reconscrating Suggests 30 Feeting Sir Picture

Bereigeh 38 Foreign Abroadt Geld Flying 54 Foresast

William Kreen house Draw Alexander McStredy Sales Stores Marco Adams . Edited Annoise Robert Wolanos ... Baltania Trainela Gharlis

Summar and Editorial Offices 130 W. 156 St., New York 15 N. Y., Photo Limpure 1987, Natural Price Bids, Washington CD C., Photo Natural Mili Sparried New Review Advers J. States Heavy: 1869; Ostoria: II. 280; N. Wildjan, Very J. Gordon M. States Handle, D. Orton M. States Handle, S. Gordon M. G. Gordon M. States Handle, S. Gordon M. States Handle, S. Gordon M. States Handle, Salari S. Gordon M. States Handle, Market Handle, M. States Handle, M. States

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AUGUEN N.Y. Eugon Office 

for every type of gircroft. in every rotating or oscillating part...





LOOK TO FAFNIR for continuing leadership in the development of Ball Bearings for Aircraft!

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This teamwork has resulted in the development of movidaccress bull bearing types, many of which incorporate the

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AVIATION WEEK Entrance M. 1940





EXCELLENT SHORT FIELD TAKEOFF AND LANDING CHARACTERISTICS

TO DESTINATION OPERATION

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Merger talks reportedly have taken none graceth facilities of Frederic Artefice Maintenance Corp.'s USAF

additional strends. Bear work is being BINANCIAL Piener Air Lore reports are would of \$179,532 for its 1045 operations.

AVIATION WEEK, February 26, 1969

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You've got to be GOOD THUNDERJETS! MA SERIES MOTOR SPECIFICATIONS

TRIM-TAB ACTUATORS IN THE REPUBLIC F-84 "THUNDER IFT

con, Hillorde, N. J., chose this sley Breaks. dependability. This is but one of the new radio compress, stall-various devices-to sheer, for dozens of asseral; applications requiring small DC, monors, Al Berelly morers see available with either built in or property H. F. Sheer so may the rediscussion requirements of specificance AN-M-10s. will be happy to give you their recom-





The CRANKSHAFT is probably the most important single part in the modern high-speed, high-compression, internal-combustion engine, Wyman-Gardon-specialists in the design and foreign of crashshafts crankshaft, forced the first six throw crankshaft, forced the first alebt throw crankshaft, forged the first crankshaft with integral countervaights. In

automotive crankshafts and in all types of aircraft foreigns, steel and light alloy, there is no substitute for Wyman-Gordon experience. Standard of the Industry for More Than Sixty Wears

WYMAN - GORDA

HARVEY, ILLINOIS

Forgings of Aluminum, Magnesium, Steel WORCESTER, MASSACHUSETTS, U. S. A.

AVIATION WEEK, February 28, 1949.

DETROIT, MICHIGAN



THE SECRETARY OF DEFENSE WASHINGTON

THE BOTT OF H 9 ATR BOATS

Air power has become one of the great instruments of military atreneth. In our own country that nower has to be viewed not merely in terms of the Air Force alone or of Naval Aviation alons, but in terms of the total sir power of the United States. That this power has now reached maturity and is sware of its relationship to other forces is amply evidenced by the fact that the military heads of our services are in unanimous agreement that the security of our nation depends upon a proper conbination and employment of land, sea and air teams.

As for the future, so see on smediat with accursor the exact specifications for accurity, but whatever they may be, air power will be required.

Whatever may be the evolution of military power of the future, the beat guarantee for universal peace in to have the most potent force in the hands of the most peaceful nation. To that end, and with no unbalance of economy, this nation must strive.

James Louis tal

PTMIS is Assumed Wasa's second Investory of for that issue of Aventure Week, or power is the total

atoms in our history. This is a progress report. But to rades the effectiveness of the U.S. as power. Accordagly, McGraw-Hill World News econopond-

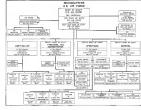
AIR DEFENSE



Air Power: America's First Line of Defense

With manufacturing parising and acroise differences dwindling, U. S. air power prepares for world role By Sobort Born

Deleue Scotter Issue Vincent 1, 2949, compared with 11,305 a rest



USAF Builds Intercontinental Force Activation of B-36 groups, plus refueling techniques, increase striking range and cause shift in emphasis.

There is also evidence that the old correction within the National Mal-

referrer was the aredification of war

Novel Air Strength Combat hors countrood-USN 6,000

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AVIATION WEEK, February 28, 1949

have a protocope fivor below the end companies to the B-56 without refuel * Smery vs. LeMm-Much of the co-

romanuder of the Stunge Ar Conmand. Kenney's plans were based on the development of a homber camble of shout 6000 miles and attitude odvance socre. LaMer is the sharaness of the salescinismental bargher first p pare nove 8-36s in sublition to the 95 new

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USAF Requirements for 70-Group Revular Air Force

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letercrotor (E-60, E-54, P-54)	22	3,595
All Worker (E.P., F.96)	1	136
Tastical Roose (F-80)		165
Transports:	+	417
Hory (C-124)	- 1	497
Makem (C-199)		55
Light (C 125 C-122)		47
Amphibias (SA H)		710
Lunas (L-16, L-17)		206
Hologies		
Towers		
Printry Beat (1-5), \$500		136
Messool single engine (TY-60)		136
Advanced twin-engine (T 29)	- 74	6.070
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As Reserve	14	2.560
	27	1,212
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Service Plane Designations The applichment meson and sous Non ascraft type designation on VA street, VF, fighter VH, bok.

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North American's 8-65 frances

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TOTAL PLANES 14 424 New Navy Planes Hint New Tactics Future carrier force to be built around high speed, farrancing graft whose prototypes now are firing

Projected Naval Air Program (including reserves)

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AVIATION WEEK, February 23, 1969

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AVIATION WEEK, February 28, 1969

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Steps Toward All-Weather Flight

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Is the Choice!







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MANUFACTURING

Industry Regains Health and Productivity

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The America securit industry his and a net loss of \$12 million done ra 1947 were \$545 million All h those of the paper reasonableers - Se Constituted Martin-ten sensored most modest mobile by 1965, balan another small marries as perspect f P New ACC Mark. Technically, the s durty accorded the level set by the Air Coordinating Committee at the vi people of military planes less than and Military deliveries for 1949 are a pected to exceed 35 milities poun with a total rings to 37 million poun in 1950 when one not except or curso military when unders well be felt !

Standard Equipment on Jet Aircraft





- famous Elastic Stop Nuts protect permanently against VIBRATION! IMPACT!

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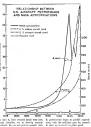




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AVIATION WEEK, February 53, 1869









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Resort Airports

Need Power in a Small Package?

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Arm Flight Street, 165 AVIATION WIEK, February 25, 1969



HIGHER EFFICIENCY IN HANDLING PETROLEUM PRODUCTS

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HERE IS a contribugal pump especially developed

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South Wood's "921" Aircraft Nonier

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Industrial Use of Aircraft Growing So valuable are small planes in spraying and dusting that two manufacturers are building special models.

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ROUGH. TOUGH ... and TERRIFIC!

N^O better words describe the recognitionaly possument powerful concentrated angine to service so-ericl Marris AM-1 Musler carrying using they they they are the range to carry our obey angined than 6 500 No. of Journal on this sturning flight resolves. More than 200 hard-bytene Mankey have The Manier takes us place in a long lose of great The Mander's all-on weight as photographed is places Marke has been building for our arreal assroad it considerably the that the meeting possible matter, or manyor at surve as people' for the needs caused one-man applicate—with may. The Glory L. Martin Company, Bultimore A. Md. First, from successful carner tests about the



"Performance" Features NOT FOUND IN ANY OTHER SPACE PLUG



These AC feebases, combined produce a plug which has proved to be sumptiously resistent to lead feating. in service tests and comes building tests alike. factionness \$5.00 bobinsely reduces off-schedule also chances. And it is Fruit & Whitney and CAA. preserved for \$1699, \$1630 2.7000 2.7005 cml

Chock the sectional illustration

of the AC-IEI Speck Plus

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OTHER AC AIRCRAFT PRODUCTS ADIDATES - MARIAVAS GARGES - ARABITES



AVIATION WEEK, February 28, 1969

Airports; Base and Basis Of Air Power

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Leave Air Carrier Leager

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AVIATION WEEK, February 28, 1962

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AVEATION WIEK, February 26, 3840

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WITTEK Aviation

Type of Airports by States

Jan. 1, 1949
(Date covers existing sisparts recorded with the CAA)

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CIVIL FLYING AVIATION WIEL February 22, 1945







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A new snap-action gaie valve

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AVIATION WEEK, February 28, 2509

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Planes In Use

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types increase, DC-3 still the workhorse. U.S. irlion so opening a no

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AVEATION WELK, February JE, 2949

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Transport part by ശ് TRANSPORT AVIATION WIEK, February 28, 1949



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April 10

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USE CHAMPIONS AND FLY WITH CONFIDENCE



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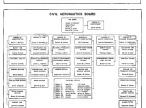
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HELICOPTERS

Helicopter's Air Power Role Misunderstood

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AVIATION WEEK, February 28, 1989



FOREIGN AIR POWER

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Britain Is Still a Second-Class Air Power

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a year later, as September, 1947. Yet the Hanker job looks to be expatile of LONDON-A year up the constasice of well-informed observers here The Navy had plimity of time to give (and is known to have given) the blooding father the same subgration duction as part of an everall programs to strengthen Bethin's air delegan The KAE, too, is up no lather to eet eracking with its new combat planes The nevel streamed friendsont februs the Sanades Roy SR Art. looked too horse to bredle, in mile of fee brand does Gutz's strightfor the early starts of controversor. single int job; by Gloster and Hawkey Admiralty faully give the go-sheed tigo nound months and country cars the

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118 FOREIGN AIR POWER

AVIATION WEEK, February 25, 1949

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CHEMICAL CO., INC., AVIATION DIV.

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IATION WEEK, February 25, 1949

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AVIATION WEEK, February 28, 1949

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FOREIGN AIR POWER

Interesting Foreign Aircraft















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AVIATION WEEK, February 20, 1969



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Reflicing Company, makers of GULF AVIATION PRODUCTS





FORECAST

In 1949....

Revenue Will Be:

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Transport Planes-155 Two-place Planes 2,400

Military Planes 3.000 Four-place Planes-----

Aviation Revenue to Top \$2 Billion This Year This means operating profit for manufacturers, prin-

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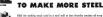




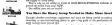


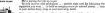
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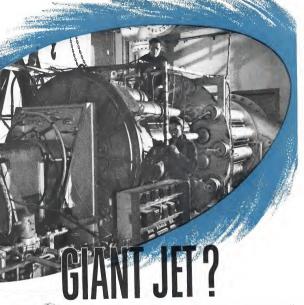


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